

## Section 508 Technical Standards Checklist

**System/Product Name:** EndNote V5 (EN), Reference Manager V9.5 (RM), ProCite V5 (PC), Reference Web Poster V1.1 (WP)

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### PART 1194 \_\_ ELECTRONIC AND INFORMATION TECHNOLOGY ACCESSIBILITY STANDARDS

Section 508 requires that when Federal agencies develop, procure, maintain, or use electronic and information technology, Federal employees with disabilities have access to and use of information and data that is comparable to the access and use by Federal employees who are not individuals with disabilities, unless an undue burden would be imposed on the agency.

Section 508 also requires that individuals with disabilities, who are members of the public seeking information or services from a Federal agency, have access to and use of information and data that is comparable to that provided to the public who are not individuals with disabilities, unless an undue burden would be imposed on the agency.

Section 508 Technical Standards	Office:			
§ 1194.21 Software applications and operating systems.	Yes	No	NA	Comments.
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	PC,RM, EN			All applications have keyboard shortcuts as provided by the underlying OS (MacOS or Windows.)
(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.	PC,RM, EN			
(c) A well defined on screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that assistive technology can track focus and focus changes.	PC,RM, EN			The focus is controlled by the user's actions and the underlying OS. It depends on the underlying OS (MacOS or Windows in this case) if it is exposed programmatically.

d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to assistive technology. When an image represents a program element, the information conveyed by the image must also be available in text.	PC,RM,EN			All applications use “user interface elements” that are provided by the underlying OS (Mac or Windows.) The assumption is that MacOS and Windows are in compliance with this technical standard.
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	PC,RM,EN			
f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	PC,RM,EN			All applications use the underlying OS for manipulation and rendering of text. The assumption is that MacOS and Windows are in compliance with this technical standard.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	PC,RM,EN			
(h) When animation is displayed, the information shall be displayable in at least one non_animated presentation mode at the option of the user.			PC,RM,EN	
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	PC,RM,EN			EN uses color coding in the following case: when editing references, the newly entered terms are color-coded in red to signify that they haven't been indexed yet; they turn back to black, as the rest of the terms, as soon as the edits are saved. RM uses color coding when presenting the search results from multiple databases (the hits from different databases are colored differently.) Like EN, RM uses color coding during Reference Edit to indicate that the newly entered data is new or hasn't been indexed yet. The color coding used is strong color (e.g. red or black) on light background. RM provides a choice of colors.
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.	RM		PC,EN	

k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.			PC,RM,EN	
(l) When electronic forms are used, the form shall allow people using assistive technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.			PC,RM,EN	PC,RM,EN don't use electronic forms. The user enters data through standard dialogs and other GUIs as provided by the underlying OSs (MacOS and Windows.)
§ 1194.22 Web_based intranet and internet information and applications.	Yes	No	NA	
a) A text equivalent for every non_text element shall be provided (e.g., via "alt", "longdesc", or in element content).	WP			
b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.			WP	
c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup	WP			
d) Documents shall be organized so they are readable without requiring an associated style sheet.			WP	
(e) Redundant text links shall be provided for each active region of a server_side image map.			WP	
(f) Client_side image maps shall be provided instead of server_side image maps except where the regions cannot be defined with an available geometric shape.			WP	
(g) Row and column headers shall be identified for data tables			WP	
h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers			WP	
(i) Frames shall be titled with text that facilitates frame identification and navigation.			WP	
j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	WP			

(k) A text_only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text_only page shall be updated whenever the primary page changes.			WP	
(l) When pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by assistive technology.			WP	
(m) When a web page requires that an applet, plug_in or other application be present on the client system to interpret page content, the page must provide a link to a plug_in or applet that complies with §1194.21(a) through (l).			WP	
(n) When electronic forms are designed to be completed on_line, the form shall allow people using assistive technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	WP			WP uses the underlying browser to render the html forms. .) The assumption is that available web browsers are in compliance with this technical standard.
o) A method shall be provided that permits users to skip repetitive navigation links.			WP	
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.			WP	